

C1
antibody concentration and the percentage of antigen bound to the binding sites at the same prescribed antigen concentrations. Each curve relates to the antibody concentration [Ab], expressed in terms of $1/K$, plotted along the x-axis. For the set of curves which remain constant or decline with increasing [Ab], the y-axis represents the fractional occupancy (F) of binding sites on the antibody by the antigen; for the second set, the y-axis represents the percentage (b%) of antigen bound to those binding sites. The individual curves in each set represent the relationships corresponding to four different antigen concentrations [An] expressed in terms of K, namely $10/K$, $1.0/K$, $0.1/K$ and $0.01/K$. The curves show that as [Ab] falls F reaches an essentially constant level, the value of which is dependent on [An].--

Page 6, line 8, delete "therefore".

Delete existing Abstract and substitute new Abstract submitted herewith as Attachment A.

In the Claims:

Claim 12, line 12, change "equilibrium" to --affinity--;

Claims 16 and 17, line 2 of each claim, change "equilibrium" to --affinity--;

Claims 23 and 26, line 11 of each claim, change "equilibrium" to --affinity--.

REMARKS

The present amendments to the specification and Abstract are submitted in response to requirements made by Examiner Woodward in a telephone conference with the undersigned on or about December 1, 1994.

Support for the proposed claim amendments is

31